

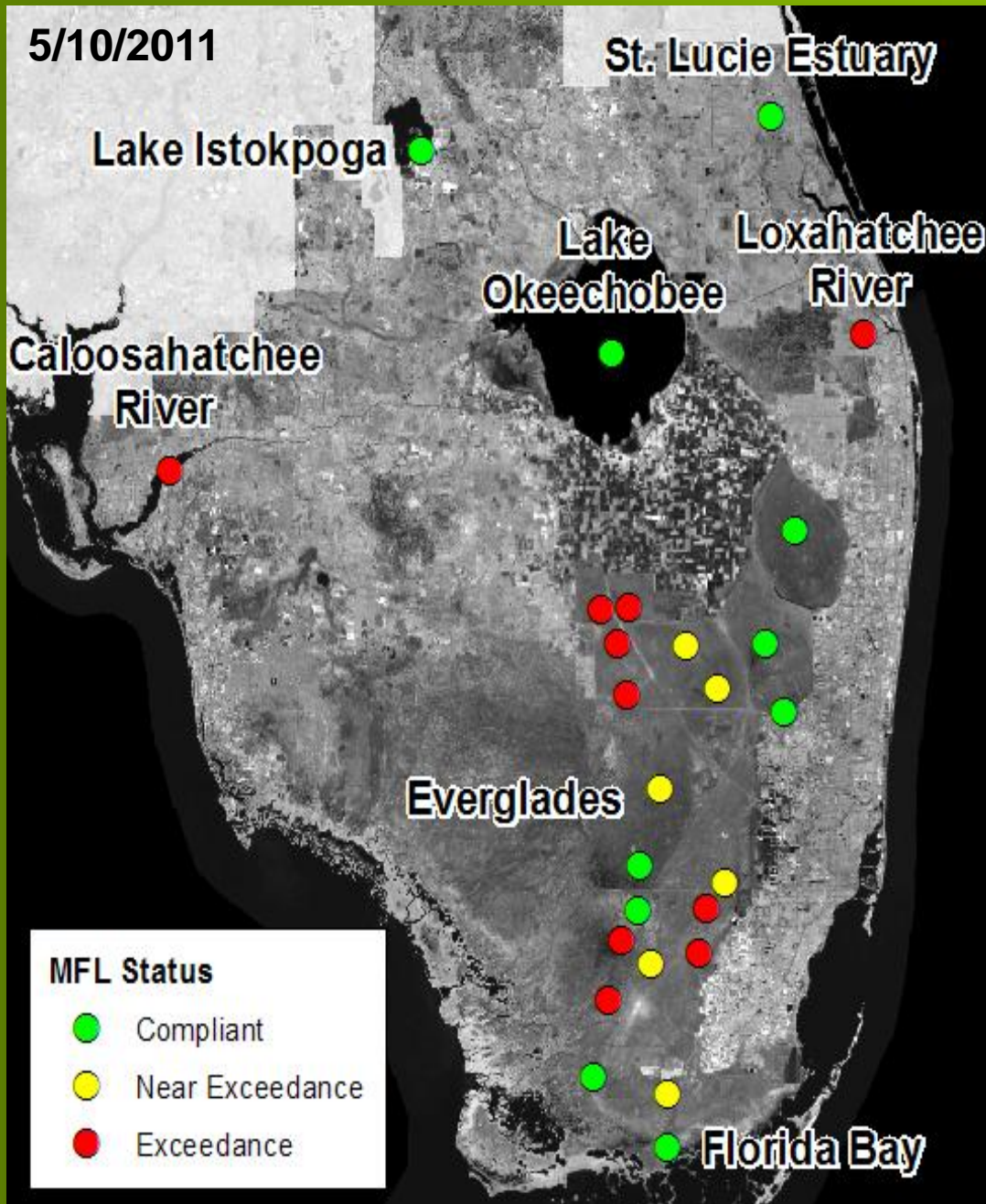
Governing Board Meeting
May 12, 2011

Ecological Conditions Update

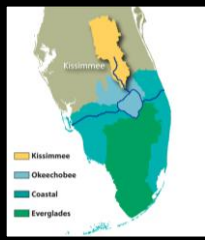
Deborah L. Drum

Deputy Director, Restoration Sciences Department
Everglades Restoration & Capital Projects

5/10/2011



Minimum Flows and Levels Status



Upper Kissimmee Basin

Snail kite surveys indicate strong breeding effort in the Upper Kissimmee Basin

KCOL Snail Kite Surveys

Water Body	Total Birds			Total Nests		
	March	April	May	March	April	May
Toho	94	109	122	41	57	76
E. Toho	47	85	100	19	31	46
KISS	28	20	15	12	13	14
Jackson	1	0	7	1	1	1
Marian	0	1	0	0	0	0
Cypress	0	0	0	0	0	0
Hatchineha	2	0	2	4	4	4
	172	215	246	77	106	141



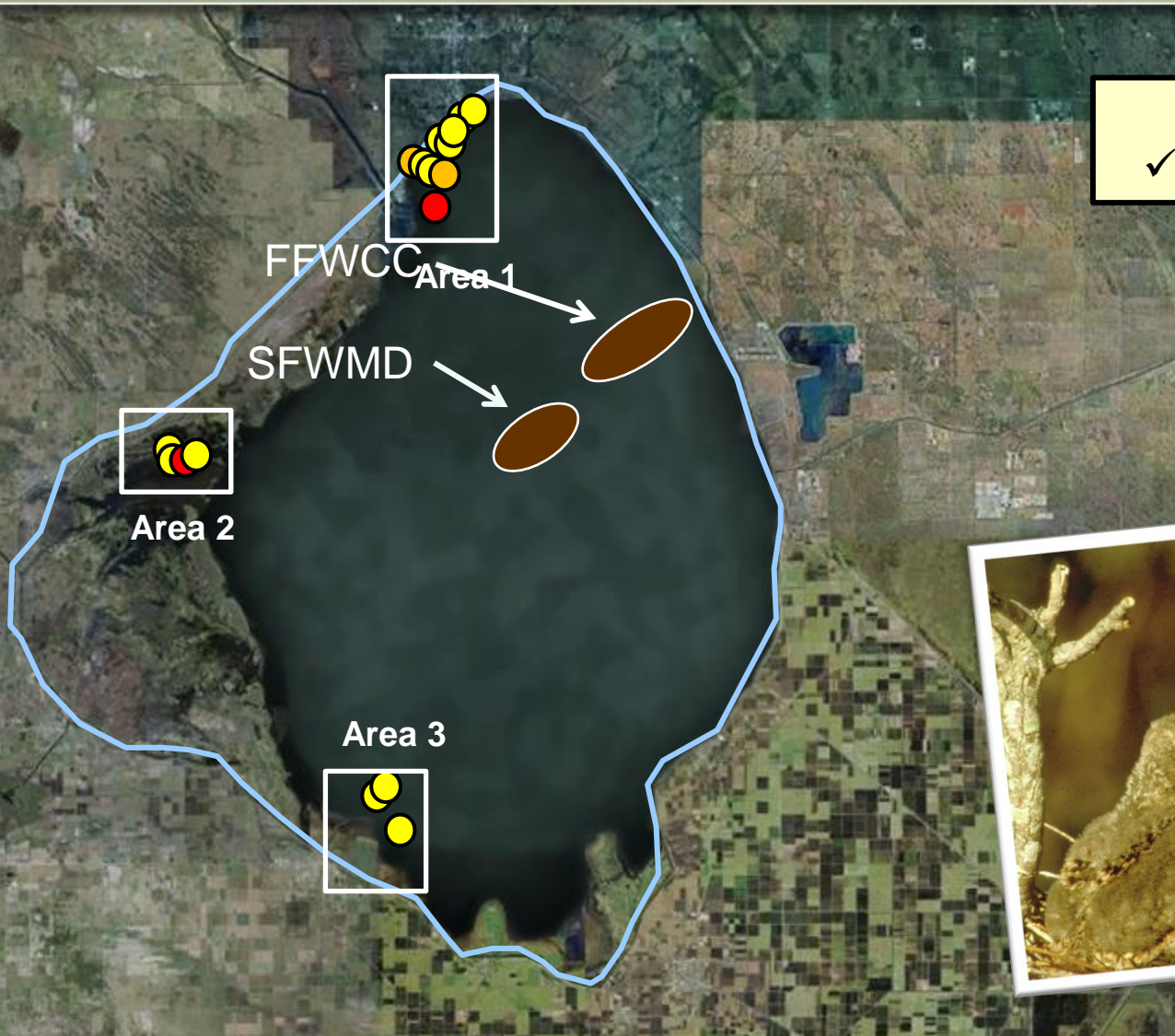
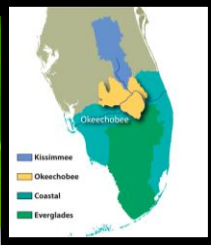


Lower Kissimmee Basin Construction Update

- Contract 18 – Pool D Oxbow Dredging and Embankment



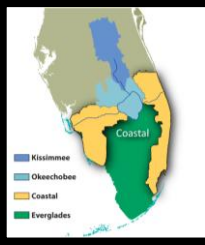
Lake Okeechobee



SNAIL KITES:
✓ 33 active nests

- Incubating / nesting
- Building
- Failed



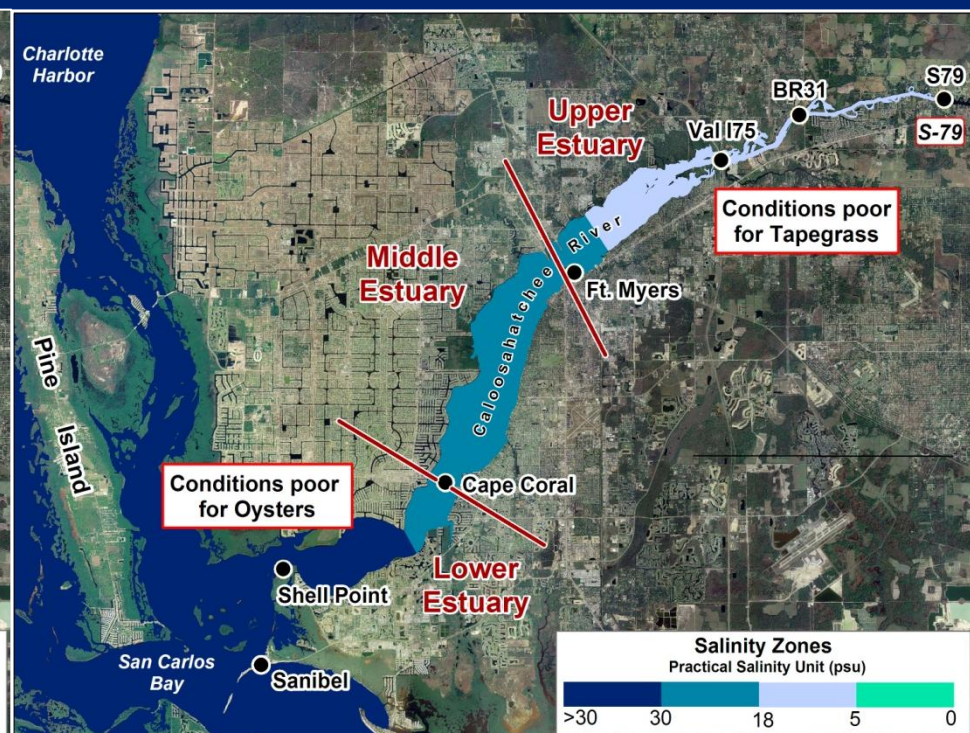
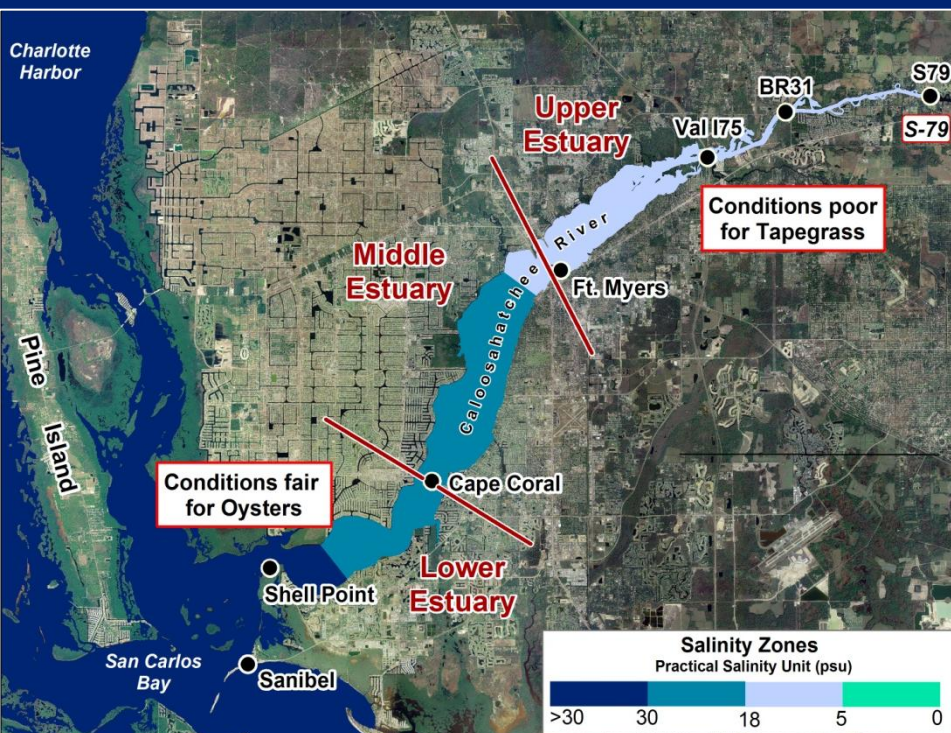


Caloosahatchee Estuary

Salinity Conditions

April 11, 2011

May 9, 2011



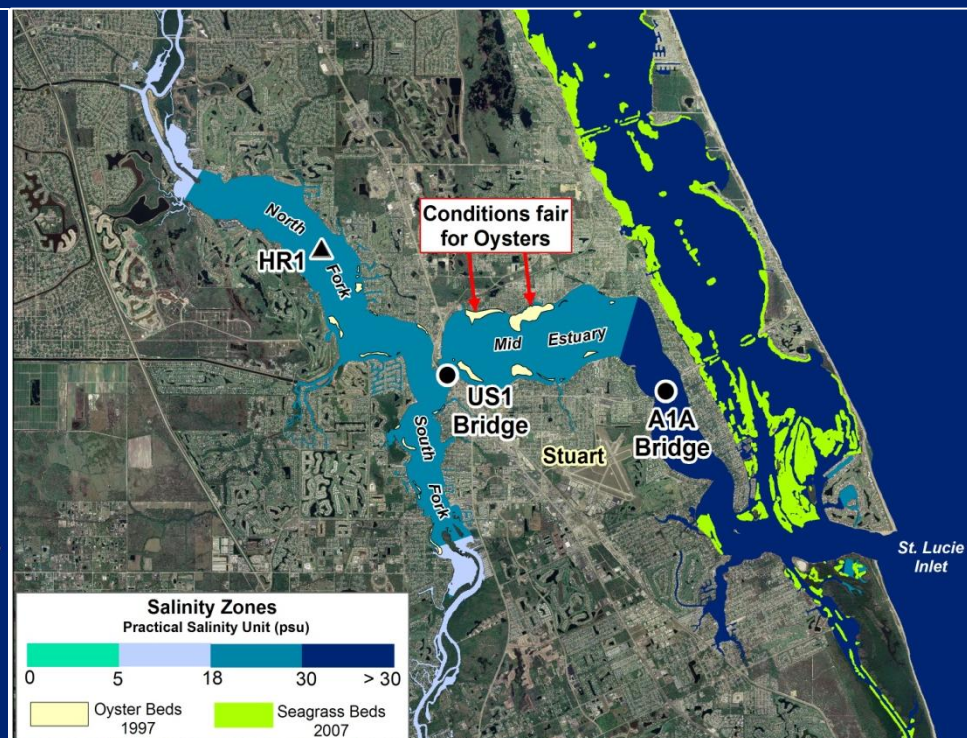
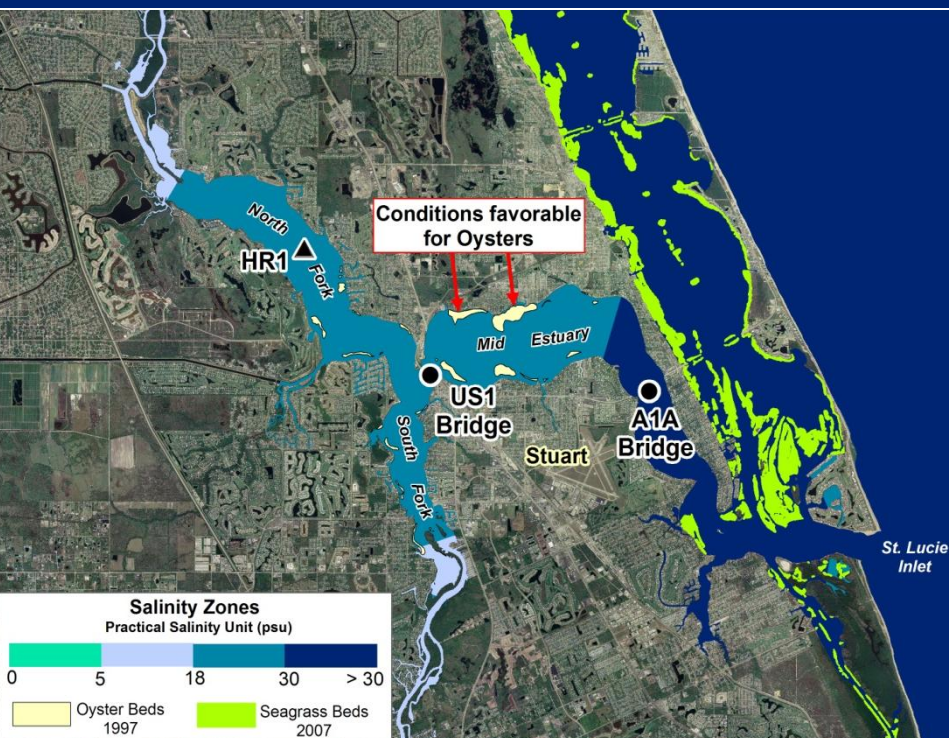


St. Lucie Estuary

Salinity Conditions

April 11, 2011

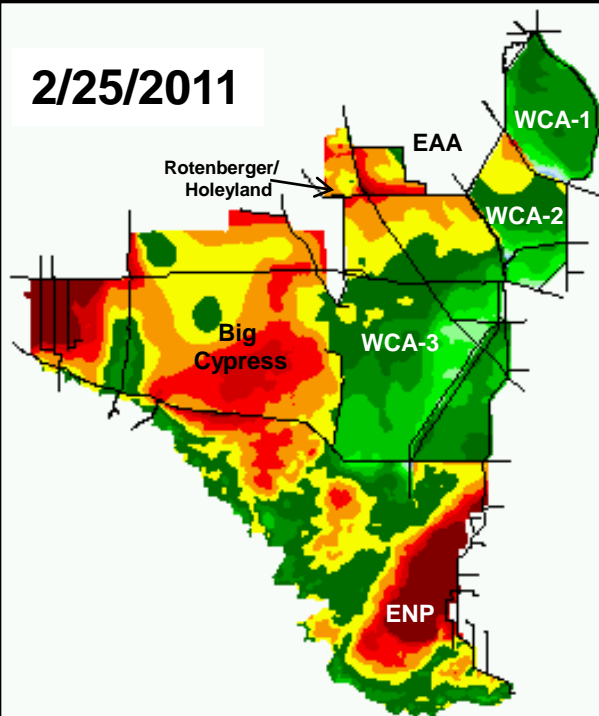
May 9, 2011



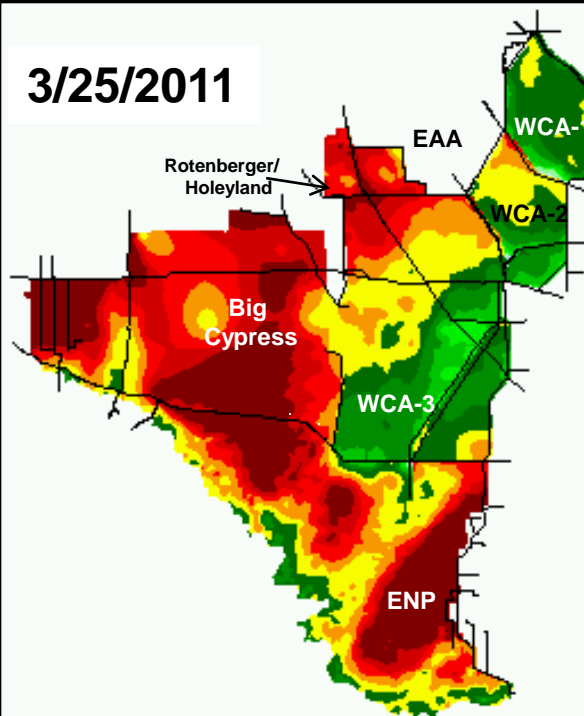
Greater Everglades Water Depth Monthly Snapshots



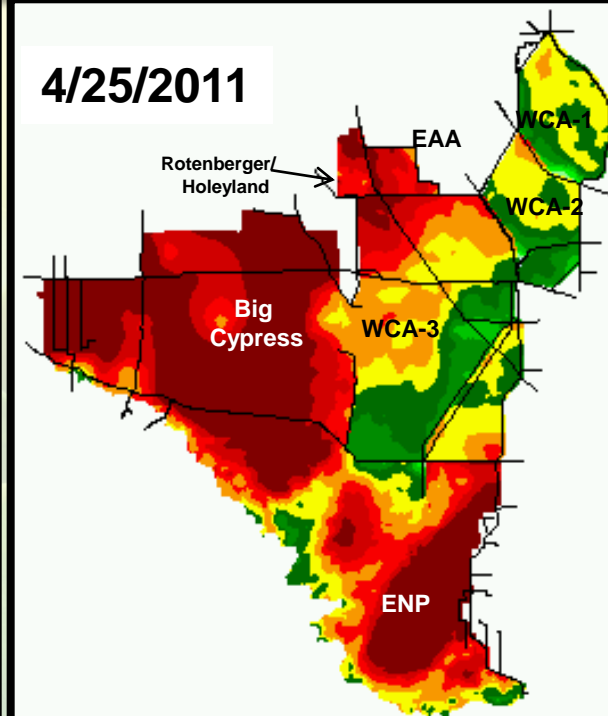
2/25/2011



3/25/2011



4/25/2011



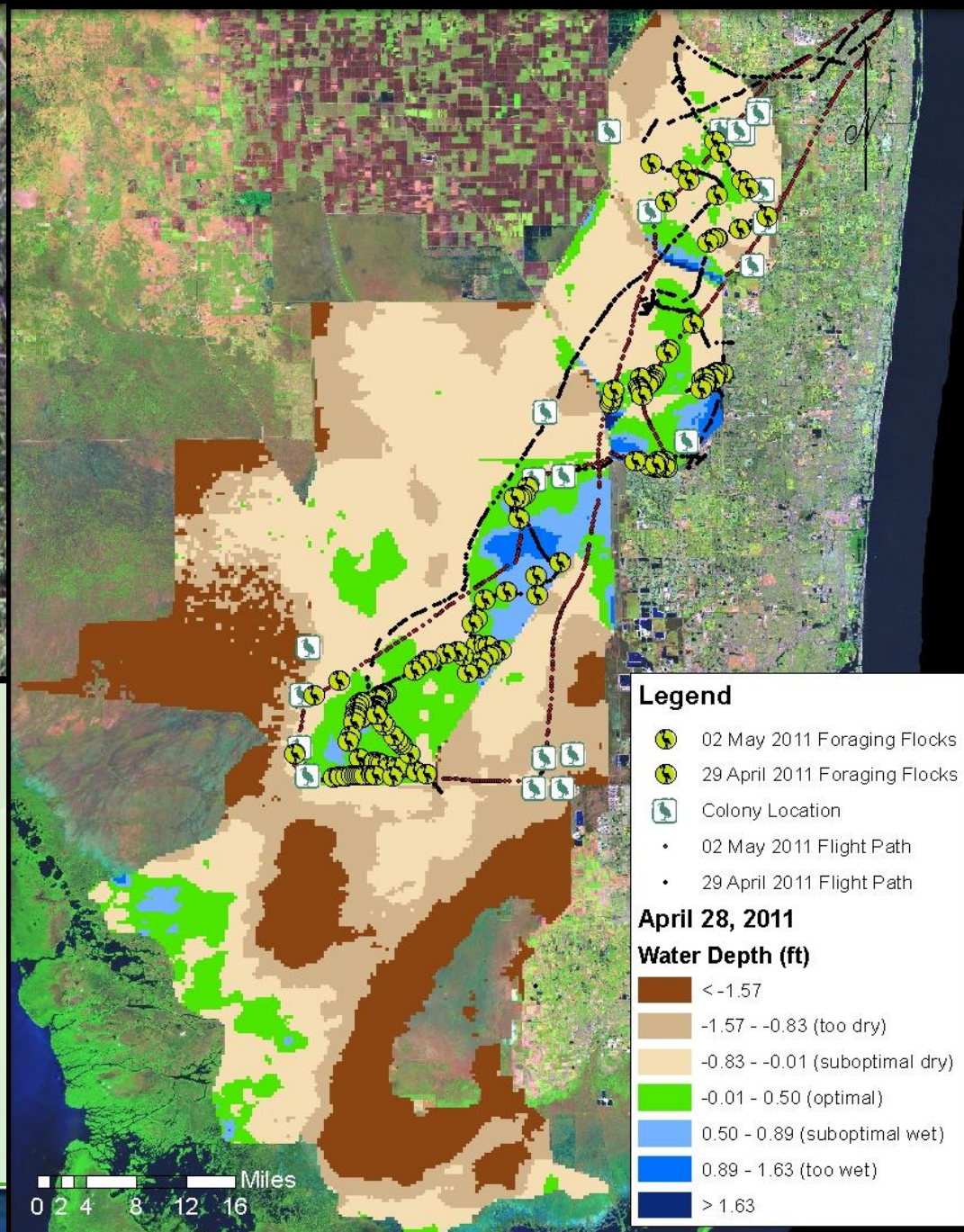
Water Depth (feet)

-2.5' 0' 2.5' 5.0'





Nest & Foraging survey, May 2





Black-Necked Stilts

(April 2011)

Nests found in STA-1E:

- 3 nests in Eastern Distribution Cells
- 1 nest within Cell 1
- Treatment Cell flow-through priority adjusted



Thank You



Flamíngos in STA-2, April 21
Photo by Mac Kobza (SFWMD)